

Forests & Transparency

Forest Data and Transparency: 'Zoom in' on the Experience of the **Democratic Republic of the Congo**

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Key messages

- The Paris Agreement and its call for better and more transparent data are instrumental.
- A fully functioning multipurpose National Forest Monitoring System (NFMS) allows countries to respond to their own forest data needs.
- Forest data transparency is key to supporting higher levels of ambition for the roles of forests in climate change action.





FAO/GEF CBIT-Forest project

- A two-year (2019-2021) global project to step up developing countries' ability to collect, analyze and disseminate forest-related data, to make forest data transparent, accessible and available in line with the Enhanced Transparency Framework (ETF).
- Aims to increase institutional and technical capacities and to boost knowledge-sharing and awareness-raising about the ETF particularly in the forest sector.





How

- 26 countries targeted as well as 187 countries and territories included.
- Strengthened network of key partners such as UNFCCC, GFOI, UNEP, UNDP, etc.
- Upgraded FAO Global Forest Resources Assessment (FRA) reporting and dissemination platform, to make forest data reporting easier in the future.
- Knowledge and training material, including E-learning course to enable access to knowledge about the ETF and forests to anyone anywhere.
- Outreach and sharing of case studies and best practices on transparency in the forest sector.
- Tool developed to facilitate the assessment of gaps and needs in a country's NFMS.





Poster

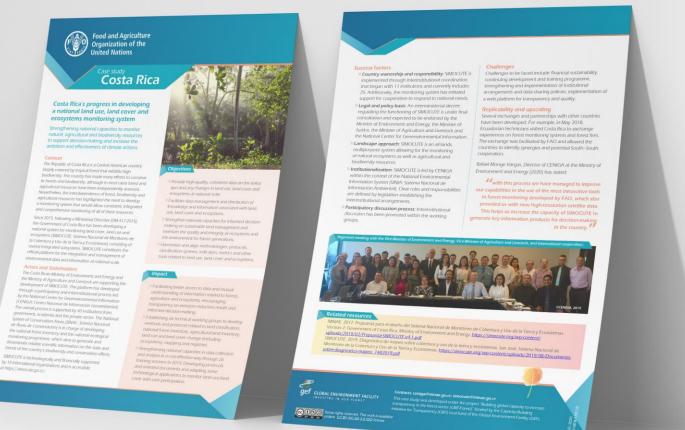
Boosting transparency of forest data for climate action

http://www.fao.org/3/ca9905en/ca9905en.pdf (EN)

http://www.fao.org/3/ca9905fr/ca9905fr.pdf (FR)

http://www.fao.org/3/ca9905es/ca9905es.pdf (ES)





Case studies

Costa Rica

http://www.fao.org/3/ca8618en/ca8618en.pdf (EN)

http://www.fao.org/3/ca8618fr/ca8618fr.pdf (FR)

http://www.fao.org/3/ca8618es/ca8618es.pdf (ES)





Results

- The collaboration between DDD and DAF and other relevant partners has been strengtheried and at entimical consultation platform ensures better coordination between partners. An inter-ministerial dislogue framework has been established to facilitate collaboration among relevant ministries.
- Technical capacity of 55 DIAF officials [20 for satellite monitoring, 30 for the national forest inventory [NIF] and 5 from the sustainable development until has been strengthened to detect and monitor land cover change, to acquire and process satellite images, to plan, design and manage NIFs, and to analyse data and construct a forest reference emison level.
- 3.12 tearing resistors have been field on the use of SEPAL interpretation of reference pains in Collect Earth, change dejection and estimation of forest depositation with Google Earth Engine, the utilisation of ERATH IN SEPAL for time series analyses, use of high-resolution satellite images (Planet Labs daids, NIT field data collection riskulfing soil analysis, and data management, and contribution of the pre-inclusing soil analysis, and data management, and contribution of the greenhouse gain inventory. FAO and the United States Forest Service Collidoration on organizing a number of trainings.
- I improved access to high resolution satellite images has enabled more accurate estimates of GHC crisisons. In 2018, a satellite monitoring system for the spatial encountering system for the encountering system for the spatial encountering system for the spatial encountering system for the encountering system of the encountering syste
- A South-South Cooperation event between the Democratic Republic of the Congo and other African countries (Burkina Fato, Cameroon, the Republic of the Congo, Côte of Ivoire and Madagascar) has strengthened the NFAS knowledge exchange network across the countries.
- The NFMS data will enable the country to review its Nationally Determined Contribution articulating the country's climate action plan as part of the Pairs Agreement. Estimates of GHG emissions and removals will be improved to enhance understanding of the impact of various projects.

The Democratic Republic of the Congo is a good example of the consolidation of NFMs geospatial data within FAO's Hand of-Hand [Hill] intakes, within aims to enhance transpersery and focus on the evaluation of powerly (SOG 1) and malturities (DOC 2). Hill country lead and will unlike commercial private national, and stansational data sets and the commercial private national and subnational data. The platform will be able to include cross-sectoral data (climate soil, carbon, forest), thereis, production) and disher-self-data (climate soil, carbon, forest), thereis, production) and other specific data coloring angulature in the preparation of the fourth national communication to the UNFCCC.

Case studies

Democratic Republic of the Congo

http://www.fao.org/3/cb0702en/cb0702en.pdf (EN)

http://www.fao.org/3/cb0702fr/cb0702fr.pdf (FR)

http://www.fao.org/3/cb0702es/cb0702es.pdf (ES)



National Forest Monitoring System (NFMS) assessment tool

How can a country benefit?

- ✓ Based on FAO's Voluntary Guidelines on National Forest Monitoring;
- ✓ Designed for country MRV/ETF needs and gaps assessment;
- ✓ Helps build a work plan;
- √ Helps measures progress;











Online Course

https://elearning.fao.org/course/view.php?id=587





Start

Forests and transparency under the Paris Agreement

Food and Agriculture Organization of the United Nations Framework Convertion on Climate Autors

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Lesson 1



Lesson 2



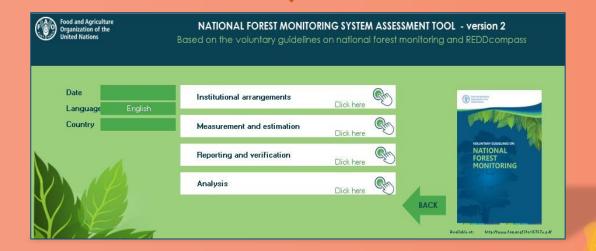
Lesson 3



CBIT

NFMS assessment tool

Free and accessible already in English, French and Spanish





Quick guidance

http://www.fao.org/3/cb0988en/cb0988en.pdf (EN)



Information note

http://www.fao.org/3/ca9903en/ca9903en.pdf (EN) http://www.fao.org/3/ca9903es/ca9903es.pdf (ES) http://www.fao.org/3/ca9903fr/ca9903fr.pdf (FR)



Information note

Strengthening national forest monitoring systems through a comprehensive capacity needs assessment

"A needs and gaps assessment aims to enhance forest monitoring and allows different stakeholders to get a full picture of the status of their national forest monitoring systems.

Julian Fox, Senior Forestry Officer, FAO

A lack of institutional and individual capacity often undermines the long-term impact of otherwise technically sound programmes. To support efforts towards sound and impactful forest monitoring, the Food and Agriculture Organization of the United Nations (FAO) has developed a national forest monitoring system (NFMS) assessment tool to help countries identify capacity gaps and weaknesses in order to address their real needs in a targeted manner.

The enhanced transparency framework (ETF) is a key element of the 2015 Paris Agreement. Under the ETF, robust data collection, analysis and dissemination of forest-related data are the basis for reporting on emissions and removals and tracking the progress of nationally determined contributions. Given the significant climate change mitigation potential of forests, improving the transparency of forestrelated data and information within the ETF is timely, indeed urgent. in order to translate this potential into action.

Why support a capacity assessment?

A capacity assessment is a structured approach to analysing capacity across three dimensions: individuals, organizations and the enabling environment. In the context of forest monitoring, a capacity assessment aims to provide a broad picture of an NFMS, in terms of strengths, weaknesses and opportunities. Building an NFMS is a complex national-scale effort that must consider multiple institutional, technical and financial aspects. The system should increase transparency, reliability of the information produced and ensure a long-term perspective, through participatory processes that include multiple stakeholders with different skills, who must be identified and informed throughout. The stakeholders draw on their breadth of knowledge to identify needs and gaps in order to achieve a robust and sustainable NFMS that captures and delivers continuous information on a country's forests.



FAO's new NFMS assessment tool

facilitates the identification of needs and gaps in order to establish or strengthen a country's forest monitoring. The tool is based on FAO's Voluntary guidelines on national forest monitoring (VGNFM) reinforced with the REDDcompass resources of the Global Forest Observations Initiative (GFOI). It also incorporates 50 years of FAO experience gained in the field, working together with countries around the globe. The assessment tool, which provides an easy way to use and implement the VGNFM, is free, Excel-based and available in English, French and Spanish.

The tool supports the strengthening of an existing NFMS, including capacity assessment of the system and facilitation of dialogue with key national stakeholders, helping to pool their first-hand knowledge of a problem or development challenge and identify possible solutions. It also helps to identify the institutional dynamics. strengths, weaknesses and opportunities for improvement of an NFMS. A useful complimentary series of guidance, good practices and practical tools based on local circumstances when running a capacity assessment, is available on FAO's Capacity Development website: www.fao.org/capacity-development.

What does the new tool consist of?

The NFMS assessment tool is aimed at country stakeholders responsible for forest monitoring through good practices. The tool presents good practice guidance and examples for three complimentary themes - institutional arrangements, measurement and estimation, and reporting and verification. The graphic highlights institutional arrangements as the foundation of a robust and sustainable NFMS, which the other two themes build on.

Institutional arrangements

- integration of young experts impact assessment

How can a country benefit?

The NFMS assessment tool aims to assist countries in strengthening their NFMS by:

- > facilitating understanding of FAO's Voluntary Guidelines on National Forest Monitoring;
- identifying needs, gaps and weaknesses, enhancing opportunities to focus a country's efforts and investments;
- » helping to organize international cooperation and build a work plan together with stakeholders and partners;
- assessing progress in identifying capacity gaps in forest monitoring;
- mencouraging harmonization of processes to set up a stronger and more robust NFMS.

With tailored national forest monitoring systems, countries are able to develop informed forest and land-use policies with proven knowledge and up-todate, reliable, transparent and accessible information. Efforts to support forest monitoring should focus on strengthening and enhancing the development of an

FAO. 2017. Voluntary Guidelines on National Forest Monitoring. Rome. http://www.fao.org/3/a-l6767e.pdf

Global Forest Observations Initiative. REDDcompass: https://www.reddcompass.org/frontpage.













